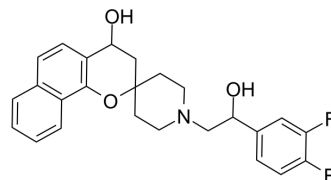


Antimalarial agent 11

Cat. No.:	HY-146769
CAS No.:	1214454-56-4
Molecular Formula:	C ₂₅ H ₂₅ F ₂ NO ₃
Molecular Weight:	425.47
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Antimalarial agent 11 (compound 1), a spirocyclic chromane, is a potent antimalarial agent. Antimalarial agent 11 exhibits excellent potency with an EC₅₀ of 350 nM against the Chloroquine-resistant Dd2 strain. Antimalarial agent 11 has EC₅₀s of 1.48 μM and 1.81 μM against D6 and ARC08-022 strains, respectively^[1].

REFERENCES

[1]. Iredia D Iyamu, et al. Structure-activity and structure-property relationship studies of spirocyclic chromanes with antimalarial activity. *Bioorg Med Chem*. 2022 Mar 1;57:116629.

Caution: Product has not been fully validated for medical applications. For research use only.

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